

**WHAT IS CLAIMED IS:**

1 1. A network comprising:

2 a first computer linked to a second computer, the first computer having a first  
3 service and the second computer having a second service, the first and second services  
4 handling at least locating, reserving, allocating, monitoring, and deallocating one or more  
5 computational resources for an application, the service, upon receipt of a command, loads  
6 new instructions to modify current instructions residing in the service that modifies a  
7 behavior of the service without restarting the service.

1 2. The network of claim 1 wherein the command causes a modification of a behavior of  
2 the application without restarting the application.

1 3. A method comprising:

2 receiving a message having a command for a service that handles locating,  
3 reserving, allocating, monitoring, and deallocating one or more computational resources  
4 for an application running on a computer in a network;

5 loading a first set of instructions from a location remote from the service in  
6 response to the command;

7 replacing a portion of instructions for the service with the first set of instructions;

8 and

9 executing the service according to the first set of instructions.

1 4. The method of claim 3 further comprising replacing a portion of instructions for the  
2 application with the first set of instructions and executing the application according to the  
3 first set of instructions.

1 5. The method of claim 3 further comprising:

2 modifying a relationship between the service and a second service in response to  
3 the command, wherein the second service comprises locating, reserving, allocating,  
4 monitoring, and deallocating one or more computational resources for an application  
5 running on a computer in the network.

1 6. A computer program product, the computer program product being operable to cause a  
2 data processing apparatus to:

3 receive a message having a command for a service comprises locating, reserving,  
4 allocating, monitoring, and deallocating one or more computational resources for an  
5 application running on a computer in a network;

6 load a first set of instructions from a location remote from the service in response  
7 to the command;

8 replace a portion of instructions for the service with the first set of instructions;  
9 and

10 execute the service according to the first set of instructions.

1 7. The computer program product of claim 6 wherein the computer program product is  
2 further operable to cause a data processing apparatus to replace a portion of instructions  
3 for the application with the first set of instructions and execute the application according  
4 to the first set of instructions.

1 8. The computer program product of claim 6 wherein the computer program product is  
2 further operable to cause a data processing apparatus to modify a relationship between the  
3 service and a second service in response to the command, wherein the second service  
4 comprises locating, reserving, allocating, monitoring, and deallocating one or more  
5 computational resources for an application running on a second computer in the network.